

Title (en)

Process for improving the cold start behaviour of selective CO-oxidation catalysts

Title (de)

Verfahren zur Verbesserung des Kaltstartverhaltens von selektiven CO-Oxidationskatalysatoren

Title (fr)

Procédé d'amélioration du comportement au démarrage à froid de catalyseurs d'oxydation sélective de CO

Publication

**EP 1270510 A3 20051109 (DE)**

Application

**EP 02010382 A 20020508**

Priority

DE 10129658 A 20010620

Abstract (en)

[origin: EP1270510A2] Process for improving the cold start behavior of selective carbon monoxide oxidation catalysts in gas purification stages of a gas generating system comprises feeding a medium stream over the oxidation catalyst after switching off the gas generating system to flush out start-delaying components. Preferred Features: The medium stream contains oxygen. The medium stream is fed over the catalyst before the catalyst is cooled. The medium stream is fed around an anode chamber of a fuel cell via a by-pass after it has been fed over the catalyst.

IPC 1-7

**C01B 3/58**; **H01M 8/06**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- [PX] WO 0197312 A1 20011220 - MATSUSHITA ELECTRIC IND CO LTD [JP], et al & EP 1291948 A1 20030312 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] DE 19944536 A1 20010329 - XCELLSIS GMBH [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 263 (E - 435) 9 September 1986 (1986-09-09)

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